INDEX OF SUBJECTS

PAGE

ADRENAL cortical nodular hyperplasia, multifocal, bilateral, unassociated with distribution of medulla or of venous musculature; high degree of association with capsular arteriopathy . 1
AGE, association with reactivity of skin vessels in rabbit 131
ALLERGIC ENCEPHALOMYELITIS, experimental, bone-marrow-derived monocytes account for most of the infiltrating cells, perhaps resembling small lymphocytes in older lesions . . 237
ALVEOLUS of lung, lining has properties of surfactant, association with respiratory distress syndrome . . . 57
ANEURYSMS, dissecting, of coronary arteries, role of vascular abnormalities in 33
ANTILYMPHOCYTIC SERA, effect on histopathology of *Fasciola hepatica* infestation in rabbits 335
AORTA of Indian pigs, fatty streaks, intimal elevations, gelatinous elevations, type-A and type-B medial lesions 19
in Nigerians, atherosclerosis commoner than in cerebral arteries . . . 219
APOCRINE CELLS of breast, possible origin by metaplasia of mammary epithelium 105
APPENDIX, rabbit, no development of lymphoid tissue when appendix isolated from intestine if vascular supply cut off, minor development if vascular supply retained 265
ARTERY(IES), adrenal capsular, arteriopathy common in adrenal cortical nodular hyperplasia 1
cerebral, in Nigerians atherosclerosis less common than in aorta, rarer than in Caucasians from Minnesota or Alabama, or in Alabama Negroes . 219
coronary, dissecting aneurysms of, role of vascular abnormalities in . . 33
coronary, in Indian pigs, fatty streaks only 19
pulmonary, changes in wall after banding 29
pulmonary trunk and muscular pulmonary arteries, thickness of media in vervet monkey: ratio pulmonary to aortic medial thickness like that in pulmonary hypertension in man . . . 181
ARTERIOPATHY in adrenal capsular arteries, associated with adrenal cortical nodular hyperplasia . . . 1

PAGE

ARTHRITIS, acute, in experimental streptococcal endocarditis in pigs . . 307
adjuvant, plasma bradykininogen levels in rats in 245
chronic, produced by streptococcal L-forms 283
ATHEROSCLEROSIS in Indian pigs, relationship to disease in man . . . 19
in Nigerians, aortic lesions more frequent than cerebral; complicated aortic lesions rare 219

BACTERIA, streptococcal L-forms produce chronic arthritis after intra-articular injection in rabbits, even after L-forms heated to 80°C for 20 min. . 283
streptococci from field case of endocarditis in pigs produced valvular disease, myocardial and renal damage and arthritis when injected intravenously into pigs 307
BANDING of the pulmonary artery, ischaemic effects on arterial wall . 29
BASEMENT-MEMBRANE calcification of placenta, with associated foetal abnormalities 333
BILIRUBIN, serum, increased in *Lantana camara* poisoning in sheep . . 75
BLOOD VESSELS of rabbit skin, changes in sensitivity to various substances with age 131
BRADYKININ unlikely to be mediator in inflammation due to carrageenan or adjuvant 245
BRADYKININOGEN levels in plasma in adjuvant arthritis and carrageenan inflammation 245
BRAIN and ventricular volumes and volume of space between brain and cranium in spina bifida 205
fate of autologous, homologous and heterologous skin grafts in . . 193
papillary adenocarcinoma of choroid plexus of fourth ventricle . . 321
BREAST, abnormal tissue, enzyme histochemistry of 105
fibro-adenoma, fine structure changes mainly in stromal component; no evidence myo-epithelium derived from pericytes 113
fibro-adenoma, pink cell metaplasia in . 119
normal, demonstration of cilia in . 113

PAGE

CALCIFICATION of basement-membrane of placenta, with associated foetal abnormalities 333
CAROTID BODY tumour, ultrastructure shows is probably neoplasm, not hamartoma 101
CARRAGEENAN inflammation, plasma bradykininogen levels in . . . 245
CELL of origin perhaps common in seminomas and teratomas 271
CHICK embryo, vascular changes after X-irradiation 217
CHORISTOMA of Müllerian origin associated with spina bifida 324
CHOROID PLEXUS, papillary adenocarcinoma 321
CHROMOSOMES in testicular tumours . 271
COLLAGEN changes in healing wounds in rats 337
COPPER status of lambs makes no difference to result of nerve section . . 153
CRYSTALS of xanthine and hypoxanthine in voluntary muscle in xanthinuria . 45

ELECTRON-MICROSCOPE STUDY of fibroadenoma of breast 113
of pink cell (oncocytic) change in fibroadenoma of breast 119
EMBRYOID BODIES in solid malignant teratoma of ovary probably bizarre embryonic development, not parthenogenesis 67
ENDOCARDITIS, experimental, rapidly produced in pig by intravenous injection of streptococci from field case of disease, close resemblance to human infective endocarditis 307
ENDOMETRIUM in choristoma associated with spina bifida 324
ENZYMES, acid phosphatase: reduction of lysosomes in lamb neurones after nerve section 153
EOSINOPHILS, reduction of histamine-induced bronchospasm in guinea-pigs with large circulating numbers of . 96
EYE, transplantation of rabbit appendix into anterior chamber of, no development of lymphoid tissue in appendix 265

FLUID movement, inhibition of across secretory epithelia probable cause of high viscosity of mucus in mucoviscidosis 299
FLUKES: *Fasciola hepatica* infestation in rabbit, antilymphocytic sera inhibit normal cellular response to . . 335
FOETUS, associated with basement-membrane calcification of the placenta . 333
changes in small-intestinal villous pattern with gestational age . . 87

PAGE

GOITRE, dyshormonogenetic, pathology of 251
GRAFTS, rat skin into guinea-pig brain, with and without previous sensitisation, and rat skin into rat brain: fate of grafts 193
GRANULOMATA, high- and low-turnover, survival of macrophages in . . 139
juxta-intestinal cystic schistosomal . 176
GROUND-SUBSTANCE changes in healing wounds 337

HEART, intravenous injection into pigs of streptococci from field case of endocarditis in pigs produced valvular lesions and myocardial and renal damage 307
HISTAMINE acid phosphate no more effective than sodium acid phosphate, when injected into skin, or than water when injected into rat tongue, in producing local eosinophilia . 329
-induced bronchospasm much reduced in guinea-pigs with high circulating eosinophilia, as compared with that in controls 96
HISTOCHEMISTRY, enzymes of abnormal mammary tissue 105
of *Lantana camara* poisoning in sheep: reduction of non-specific esterase and of sorbitol, succinic and glutamic dehydrogenases throughout liver lobule, particularly in periportal cells . 75
5-HYDROXYTRYPTAMINE, objective estimation of inflammation produced by . 93
HYPERPLASIA, nodular adrenal cortical, multifocal, bilateral, unassociated with distribution of medulla or of venous musculature; high degree of association with capsular arteriopathy . 1
HYPERTENSION, some association with adrenal cortical nodular hyperplasia . 1
HYPOTENSION, severe, usual cause of ischaemic renal medullary necrosis in infants and children 125
HYPOXANTHINE, rare crystals in normal striated muscle, common in striated muscle in xanthinuria 45

INDOMETHACIN does not reverse increased plasma bradykininogen levels in rats with adjuvant arthritis or the lowered levels in carrageenan inflammation . 245
objective estimation of reduction of 5-hydroxytryptamine-induced inflammation by 93
INFANTS AND CHILDREN, neonatal and perinatal, nature of pulmonary alveolar lining in 57
renal medullary necrosis in . . . 125

PAGE

INFLAMMATION, objective quantitative estimation 93
INTESTINE, small-intestinal villous pattern in foetuses, clear changes in pattern with increase in gestational age . 87
INTIMA of Indian pig aorta, intimal elevations, gelatinous elevations and fatty streaks in 19
IODINE, defective iodination of mono- and di-iodotyrosine in dyshormonogenetic goitre 251
defective organification in dyshormonogenetic goitre 251
IODOPROTEIN, abnormal, formation in dyshormonogenetic goitre, associated with microcystic thyroid pattern with dilated follicles containing abnormal colloid, and epithelial binding of radioiodide 251
IRRADIATION, vascular changes after X-irradiation of chick embryo . . 217
X-irradiation of lymph-nodes, spleen and thymus in rats and mice, ultrastructural changes after . . . 163
ISCHAEMIA of pulmonary artery wall after banding 29

JOINTS, bradykininogen levels in adjuvant arthritis in rats 245
chronic arthritis produced in rats by streptococcal L-forms . . . 283
pig, acute arthritis produced in pigs by intravenous injection of streptococci from field case of endocarditis in pig 307

KIDNEY, renal damage produced in pigs by intravenous injection of streptococci from field case of endocarditis in pig 307
renal medullary necrosis in infancy and childhood 125

LACTOGEN, human placental, presence in solid malignant teratoma of ovary . 67
LAMBS, morphological and histochemical consequences of peripheral nerve section 153
LANTANA CAMARA poisoning in sheep, jaundice and photosensitisation; swelling and vacuolation of periportal hepatic cells, loss of glycogen; increase in number of bile ducts and portal connective tissue . . . 75
LEWY BODIES in cytoplasm of neurones in midbrain in Parkinsonism, some with granular core and radial fibrillary edge, others fibrillary only, probably cytoplasmic degeneration . . 39

PAGE

L-FORMS, streptococcal, chronic arthritis produced by intra-articular injection of 283
LIPOFUSCIN granules in midbrain in Parkinsonism ultrastructurally very like melanin granules . . . 39
LUNG, ischaemia of pulmonary artery after banding 29
pulmonary alveolar lining in rabbits and perinatal infants, fluorescence microscopy and histochemistry similar to that of surfactant . . . 57
respiratory distress syndrome, association with loss of alveolar surfactant lining 57
LYMPH-NODES, ultrastructural changes after X-irradiation 163
LYMPHOCYTE-like form of non-dividing monocyte in older examples of experimental allergic encephalomyelitis . 237
LYMPHOID TISSUE of rabbit appendix isolated from intestinal tract, development of 265
LYSOSOMES of rat hepatocytes, small increase in advanced pregnancy, very small compared with increase in tumour-bearing animals . . . 319
reduction in neurones of lambs after nerve section 153

MACROPHAGES, longevity in high- and low-turnover granulomata in rats . 139
MEDIA of Indian pig aorta, type-A and type-B (possibly parasitic) lesions in . 19
MELANIN granules in midbrain in Parkinsonism ultrastructurally very like lipofuscin granules 39
METAPLASIA of mammary epithelium possible origin of apocrine cells . . 105
METHODS, PHYSICAL, for demonstration of xanthine and hypoxanthine in unfixed cryostat sections of voluntary muscle 45
MICE, ultrastructural changes in lymph-nodes, spleen and thymus after X-irradiation similar to those in rats 163
MITOCHONDRIA, enlargement, blunting and increase in number in pink cells (oncocytes) in fibro-adenoma of breast . 119
MONKEYS, rhesus (*Macaca mulatta*), basal-cell carcinoma of right costal margin 327
vervet (*Cercopithecus aethiops*), relative thickness of pulmonary trunk media and aortic media in . . . 181
MONOCYTES derived from bone marrow main source of cellular infiltrates in experimental allergic encephalomyelitis, may resemble small lymphocytes in older lesions 237
MUCIN in cells of papillary adenocarcinoma of choroid plexus . . 321

PAGE

MUCOPOLYSACCHARIDES, connective-tissue, changes in healing wounds in rats . 337
MUCOVISCIDOSIS, rectal mucus in not different chemically, but probably is physically, from that of controls . 299
MUCUS, rectal, in mucoviscidosis, not different chemically, but probably is physically, from that of controls . 299
MUSCLE, striated, xanthine and hypoxanthine crystals in xanthinuria; xanthine crystals absent in normal striated muscle, very little hypoxanthine 45
MYO-EPITHELIAL CELLS of breast, no evidence of derivation from pericytes 113
MYOMETRIUM in choristoma associated with spina bifida 324

NAEVI, benign hairy, associated with primary malignant meningeal melanoma 171
NEURONES in midbrain in Parkinsonism, degenerative changes in cytoplasm (Lewy bodies) 39
retrograde neuronal degeneration and lysosome depletion in lambs after sciatic nerve section . . . 153
NIGERIANS, aortic lesions commoner than cerebral in atherosclerosis in, complicated aortic lesions rare . . 219

ONCOCYTIC CHANGE in fibro-adenoma of breast 119
OVARY, solid malignant teratoma with embryoid bodies and trophoblastic differentiation 67

PARKINSONISM, ultrastructure of substantia nigra of midbrain in . . . 39
PERICYTES, no evidence myo-epithelial cells of breast derived from . . . 113
PHYLLOERYTHRIN, serum, increased in *Lantana camara* poisoning in sheep . 75
PIGS, experimental streptococcal endocarditis in 307
Indian, spontaneous vascular lesions in 19
PLACENTA, basement-membrane calcification of 333
PLAQUES, fibrous aortic, in atherosclerosis in Nigerians much less common than in Caucasians and other Negro races 219
PREGNANCY, changes in foetal small-intestinal villous pattern with gestational age 87
late, small increase in rat hepatocyte lysosomes, much less than in tumour-bearing animals 319

PAGE

RABBITS, chronic arthritis produced in by intra-articular injection of streptococcal L-forms 283
effect of antilymphocytic sera on histopathology of *Fasciola hepatica* infestation of 335
less than 1 mth old, skin refractory to histamine, responds weakly to bradykinin, relatively well to rabbit globulin permeability factor, normally to *Clostridium welchii* alpha-toxin . . 131
newborn, nature of pulmonary alveolar lining in 57
RATS, changes in connective-tissue ground-substance in healing wounds in . 337
hepatocyte lysosomes, small increase in late pregnancy 319
ultrastructural changes in lymph-nodes, spleen and thymus after X-irradiation similar to those in mice . . . 163
REGENERATION of skin grafts good in brain when grafts autologous, persisting to 21 days in homografts, not more than 12 days in heterografts; sensitisation reduces to 4 days . . 193
RENAL MEDULLARY NECROSIS in infants and children, mainly due to ischaemia due to severe hypotension . . 125
REVIEWS OF BOOKS—
A guide to practical histochemistry (J. Chayen, Lucille Bitensky, R. G. Butcher and L. W. Poulter) . . 99
Current concepts in breast cancer (ed. by Albert Segaloff, Kenneth K. Meyer and Selma DeBakey) . . 99
Physiology of the human kidney (Laurence G. Wesson) . . . 100

SCHISTOSOMIASIS, juxta-intestinal cystic granuloma due to *Schistosoma haematobium* 176
SEMINOMA of human testis, chromosomes in; suggestion of common cell of origin with teratoma . . . 271
SENSITISATION, effect on survival of skin grafts in brain 193
SERUM enzymes in *Lantana camara* poisoning in sheep: rise in sorbitol dehydrogenase, arginase, and glutamate-oxaloacetate transaminase . . . 75
SHEEP, *Lantana camara* poisoning in; single large dose severe hepatotoxic changes; same dose divided into five consecutive daily doses, little effect . 75
SKIN grafts, rat into guinea-pig brain, with and without previous sensitisation and rat into rat brain: fate of grafts 193

PAGE

SKIN injection of histamine acid phosphate no more effective in rats in increasing eosinophil count than sodium acid phosphate 329
SPINA BIFIDA, relative and absolute volumes of brain, spinal cord, ventricular cavities and cavity between skull and brain compared with those of normal 205
with choristoma of Müllerian origin . 324
SPLEEN, ultrastructural changes after X-irradiation 163
SYNCYTIOTROPHOBLAST containing placental lactogen in solid malignant ovarian teratoma 67

TERATOMA of human testis, chromosomes in; suggestion of common cell of origin with seminomas 271
malignant, of ovary, with embryoid bodies and syncytiotrophoblastic differentiation 67
of uterus, benign solid 173
TESTIS, chromosomes in tumours of . 271
THYMUS, ultrastructural changes after X-irradiation 163
THYROID, pathology of dyshormonogenetic goitre 251
TUMOURS, ANIMAL, basal-cell carcinoma in rhesus monkey 327
TUMOURS, HUMAN, benign solid teratoma of uterus 173

PAGE

TUMOURS, HUMAN, carotid body tumour, fine structure 101
chromosomes in testicular tumours . 271
papillary adenocarcinoma of choroid plexus of fourth ventricle . . 321
primary malignant meningeal melanoma associated with benign hairy naevi . 171
solid malignant teratoma of ovary, with embryoid bodies and trophoblastic differentiation 67

UTERUS, benign solid teratoma of . . 173

VEINS, pulmonary, in vervet monkey, unusually well-defined media with internal and external elastic laminae . 181
VESSELS, vascular injuries in chick embryo after X-irradiation 217
VILLI, small-intestinal, pattern changes with gestational age 87

WATER injected into rat tongue degranulates mast cells there and so attracts eosinophils as effectively as histamine 329
WOUNDS, healing, in rats, changes in ground-substance in connective tissue in 337

XANTHINE crystals in voluntary muscle in xanthinuria, not in normal muscle . 45
XANTHINURIA, crystals in striated muscle are xanthine and hypoxanthine . 45

INDEX OF AUTHORS

PAGE

ARCHER, F., and OMAR, M., pink cell (oncocytic) metaplasia in a fibro-adenoma of the human breast: electron-microscope observations . . 119

ARCHER, F., and OMAR, M., the fine structure of fibro-adenoma of the human breast 113

BARLOW, R. M., early morphological and histochemical consequences of peripheral nerve section in lambs of normal and low copper status . . 153

BECK, J. S., FULMER, H. F., and LEE, S. T., solid malignant ovarian teratoma with " embryoid bodies " and trophoblastic differentiation . . . 67

BERRY, C. L., changes in the wall of the pulmonary artery after banding . 29

BITENSKY, LUCILLE, CHALMERS, R. A., WATTS, R. W. E., and CHAYEN, J., microscopic studies on crystals in skeletal muscle from two cases of xanthinuria 45

BLENKINSOPP, EVELYN C., and BLENKINSOPP, W. K., mast cell, eosinophil and neutrophil response to injections of histamine and water 329

BLENKINSOPP, W. K., and BLENKINSOPP, EVELYN C., mast cell, eosinophil and neutrophil response to injections of histamine and water 329

BROCKLEHURST, G., a quantitative study of a spina bifida foetus 205

CAMERON, H. C. S., and JACQUES, J., changes in the ground-substance of healing wounds 337

CARR, KATHARINE E., FERGUSON, ANNE, and MAXWELL, J. D., progressive changes in the small-intestinal villous pattern with increasing length of gestation 87

CAVANAGH, J. B., and RIDLEY, A., the cellular reactions to heterologous, homologous and autologous skin implanted into brain 193

CHALMERS, R. A., WATTS, R. W. E., BITENSKY, LUCILLE, and CHAYEN, J., microscopic studies on crystals in skeletal muscle from two cases of xanthinuria 45

CHAYEN, J., CHALMERS, R. A., WATTS, R. W. E., and BITENSKY, LUCILLE, microscopic studies on crystals in skeletal muscle from two cases of xanthinuria 45

CLARK, SUSAN, objective quantitative estimation of the acute inflammatory response 93

COOK, JOSEPHINE, FINCHAM, W. J., and LACK, C. H., chronic arthritis produced by streptococcal L-forms . 283

DAVIES, D. J., KENNEDY, A., and ROBERTS, C., renal medullary necrosis in infancy and childhood 125

DESA, D. J., microscopy of the alveolar lining layer in rabbits and perinatal infants 57

DIGIACOMO, R., SCHILLER, A. L., and HUNT, R. D., basal-cell tumour in a rhesus monkey (*Macaca mulatta*) . 327

DOBBIE, J. W., adrenocortical nodular hyperplasia: the ageing adrenal . 1

DODD, K., and O NUALLÁIN, T., effect of antilymphocytic sera on the histopathology of *Fasciola hepatica* infestation in rabbits 335

DUNNILL, M. S., and WHITEHEAD, R., primary dissecting aneurysms of coronary arteries 33

FERGUSON, ANNE, MAXWELL, J. D., and CARR, KATHARINE E., progressive changes in the small-intestinal villous pattern with increasing length of gestation 87

FINCHAM, W. J., COOK, JOSEPHINE, and LACK, C. H., chronic arthritis produced by streptococcal L-forms . 283

FORD, E. J. H., and GOPINATH, C., the effect of *Lantana camara* on the liver of sheep 75

FULMER, H. F., BECK, J. S., and LEE, S. T., solid malignant ovarian teratoma with " embryoid bodies " and trophoblastic differentiation . . . 67

FUNK, R. L., KURMAN, R. J., and KIRSHENBAUM, A. H., spina bifida with associated choristoma of Müllerian origin 324

GOPINATH, C., and FORD, E. J. H., the effect of *Lantana camara* on the liver of sheep 75

GRACE, H., and WASSEF, S. A., juxta-intestinal cystic schistosomal granuloma 176

PAGE

GUPTA, P. P., TANDON, H. D., and RAMALINGASWAMI, V., spontaneous vascular lesions in Indian pigs . . 19

HARCOURT-WEBSTER, J. N., and TRUMAN, R. F., an enzyme histochemical study of some dehydrogenases in abnormal human mammary tissue . . . 105
HUNT, R. D., SCHILLER, A. L., and DIGIACOMO, R., basal-cell tumour in a rhesus monkey (*Macaca mulatta*) . 327

JACQUES, J., and CAMERON, H. C. S., changes in the ground-substance of healing wounds 337
JOHANSEN, PATRICIA G., and KAY, ROSA, histochemistry of rectal mucus in cystic fibrosis of the pancreas . . 299
JONES, E. L., quantitative histological study of the medial thickness of the pulmonary trunk and muscular pulmonary arteries in the vervet monkey 181
JONES, J. E. T., the experimental production of streptococcal endocarditis in the pig 307

KAY, ROSA, and JOHANSEN, PATRICIA G., histochemistry of rectal mucus in cystic fibrosis of the pancreas . . 299
KENNEDY, A., DAVIES, D. J., and ROBERTS, C., renal medullary necrosis in infancy and childhood 125
KENNEDY, J. S., the pathology of dyshormonogenetic goitre. . . . 251
KIRSHENBAUM, A. H., KURMAN, R. J., and FUNK, R. L., spina bifida with associated choristoma of Müllerian origin. 324
KURMAN, R. J., FUNK, R. L., and KIRSHENBAUM, A. H., spina bifida with associated choristoma of Müllerian origin 324

LACK, C. H., COOK, JOSEPHINE, and FINCHAM, W. J., chronic arthritis produced by streptococcal L-forms . 283
LEE, D., antihistamine activity of the eosinophil 96
LEE, S. T., BECK, J. S., and FULMER, H. F., solid malignant ovarian teratoma with "embryoid bodies" and trophoblastic differentiation . . . 67
LITTLE, R. A., changes in the reactivity of the skin blood vessels of the rabbit with age 131
LUCAS, D. R., and PEAKMAN, ELIZABETH M., ultrastructural changes in lymphocytes in lymph-nodes, spleen and thymus after sublethal and supralethal doses of X-rays 163

PAGE

MACADAM, R. F., the fine structure of a human carotid body tumour . . 101
MARTINEAU, MARY, chromosomes in human testicular tumours . . 271
MAXWELL, J. D., FERGUSON, ANNE, and CARR, KATHARINE E., progressive changes in the small-intestinal villous pattern with increasing length of gestation 87
MOLD, J. W., benign solid teratoma of uterus 173
MOLLO, F., STRAMIGNONI, A., RUÀ, S., and PALESTRO, G., development of the lymphoid tissue in the rabbit appendix isolated from the intestinal tract 265

NUSS, G. W., and VAN ARMAN, C. G., plasma bradykininogen levels in adjuvant arthritis and carrageenan inflammation 245

OMAR, M., and ARCHER, F., pink cell (oncocytic) metaplasia in a fibroadenoma of the human breast: electron-microscope observations . 119
OMAR, M., and ARCHER, F., the fine structure of fibro-adenoma of the human breast 113
O NUALLÁIN, T., and DODD, K., effect of antilymphocytic sera on the histopathology of *Fasciola hepatica* infestation in rabbits 335

PALESTRO, G., STRAMIGNONI, A., MOLLO, F., and RUÀ, S., development of the lymphoid tissue in the rabbit appendix isolated from the intestinal tract . 265
PARRY, E. W., the effects of pregnancy on hepatocyte lysosome numbers in the albino rat 319
PEAKMAN, ELIZABETH M., and LUCAS, D. R., ultrastructural changes in lymphocytes in lymph-nodes, spleen and thymus after sublethal and supralethal doses of X-rays . . . 163

RAMALINGASWAMI, V., GUPTA, P. P., and TANDON, H. D., spontaneous vascular lesions in Indian pigs . . . 19
RIDLEY, A., and CAVANAGH, J. B., the cellular reactions to heterologous, homologous and autologous skin implanted into brain 193
ROBERTS, C., DAVIES, D. J., and KENNEDY, A., renal medullary necrosis in infancy and childhood 125
ROY, S., and WOLMAN, L., ultrastructural observations in Parkinsonism . . 39

PAGE

RUÀ, S., STRAMIGNONI, A., MOLLO, F., and PALESTRO, G., development of the lymphoid tissue in the rabbit appendix isolated from the intestinal tract . 265

RYAN, G. B., and SPECTOR, W. G., natural selection of long-lived macrophages in experimental granulomata . 139

SANDERSON, MARGARET H., and STEARNER, S. PHYLLIS, early vascular injury in the X-irradiated chick embryo: an electron-microscope study . . 213

SCHILLER, A. L., HUNT, R. D., and DIGIACOMO, R., basal-cell tumour in a rhesus monkey (*Macaca mulatta*) . 327

SMITH, S. B., and WAKSMAN, B. H., passive transfer and labelling studies on the cell infiltrate in experimental allergic encephalomyelitis . . 237

SPECTOR, W. G., and RYAN, G. B., natural selection of long-lived macrophages in experimental granulomata . . 139

STEARNER, S. PHYLLIS, and SANDERSON, MARGARET H., early vascular injury in the X-irradiated chick embryo: an electron-microscope study . . 213

STRAMIGNONI, A., MOLLO, F., RUÀ, S., and PALESTRO, G., development of the lymphoid tissue in the rabbit appendix isolated from the intestinal tract . 265

TANDON, H. D., GUPTA, P. P., and RAMALINGASWAMI, V., spontaneous vascular lesions in Indian pigs . . 19

TAPP, E., basement-membrane calcification in the placenta . . . 333

TEOH, T. B., THAM, K. T., and WEN, H. L., a case of papillary adenocarcinoma of the choroid plexus . . . 321

PAGE

THAM, K. T., WEN, H. L., and TEOH, T. B., a case of papillary adenocarcinoma of the choroid plexus . . . 321

TRUMAN, R. F., and HARCOURT-WEBSTER, J. N., an enzyme histochemical study of some dehydrogenases in abnormal human mammary tissue . . . 105

VAN ARMAN, C. G., and NUSS, G. W., plasma bradykininogen levels in adjuvant arthritis and carrageenan inflammation 245

WAKSMAN, B. H., and SMITH, S. B., passive transfer and labelling studies on the cell infiltrate in experimental allergic encephalomyelitis . . 237

WASSEF, S. A., and GRACE, H., juxta-intestinal cystic schistosomal granuloma 176

WATTS, R. W. E., CHALMERS, R. A., BITENSKY, LUCILLE, and CHAYEN, J., microscopic studies on crystals in skeletal muscle from two cases of xanthinuria 45

WEN, H. L., THAM, K. T., and TEOH, T. B., a case of papillary adenocarcinoma of the choroid plexus . . . 321

WHITEHEAD, R., and DUNNILL, M. S., primary dissecting aneurysms of coronary arteries 33

WILLIAMS, A. O., atherosclerosis in the Nigerian 219

WILLIAMS, H. I., primary malignant meningeal melanoma associated with benign hairy naevi 171

WOLMAN, L., and ROY, S., ultrastructural observations in Parkinsonism . . 39